**Ecological Issues and concerns about this biome**

**Or**

**How Humans are impacting the Biome**

**Or**

**What types of activities would you do here?**

**Or**

**What is unusual about this biome?**

**Describe 1 research project in your ecosystem**

**Purpose**

**Location**

**Hypothesis**

**Independent and dependent variables**

**Timeline for research**

**Outline one biogeochemical cycle (water, nitrogen, carbon, phosphorus) in your ecosystem**

**Give one example of how the nutrient might realistically move through the ecosystem.**

* **How does the nutrient get into another organism?**
* **How does the nutrient get into the air (does it enter the air)?**
* **How does the nutrient get into the soil and the water?**

**Name an organism and the part of the body that uses the nutrient.**

**What organic compound contains it?** (carbohydrates, lipids, proteins, nucleic acids)

**Use a minimum of 6 key terms or movements in the information above, (Not in addition to the questions above)**

**Description of Biome- Abiotic factors**

**(include at least 5 of these parts)**

**Temperature**

**Seasons?**

**Climate**

**PH**

**Precipitation & Humidity**

**Soil**

**Terrain**

**Biotic Factors**

**3 types of Plants**

**3 types of animals**

**Animal Adaptations (2)**

**Plant adaptations (2)**

Trophic Levels

**Energy**

**Levels**

**Title of Pyramid**

**Name of Organism**

**Pick one organism from your food chain**

**Describe it**

**What does it eat?**

**What is its habitat?**

**What is its niche?**

**How long does it live?**

**How often does it reproduce?**

**How many offspring?**

**What does it look like?**

**Name an adaptation that makes the organism well suited to live in this ecosystem**

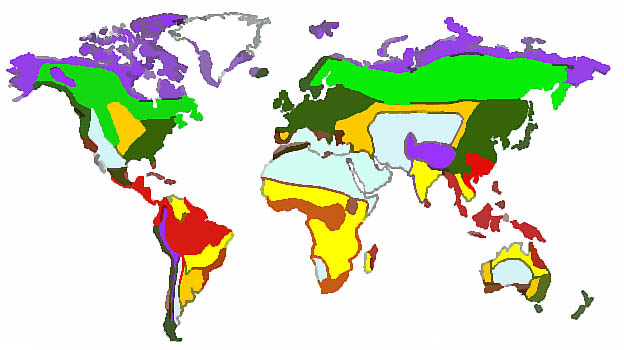
**Picture of Organism**

**Caption**

**Name of Biome**

**Location- Country/Area**

**Picture or MAP of Biome Location**



**Caption**

**Your Name**

**Class**

**Date**

**Produce a food chain**

**Include the following**

**Produce a Pyramid (energy, biomass, numbers) which illustrates the food chain**

**Include numerical values and units**

**Label the Trophic levels and heterotrophs**